

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings of the claims in the application:

1. (Currently Amended) A metal sheet or metal sheet section comprising a lubricant coating,  
wherein  
the metal sheet or the metal sheet section comprises a first layer and a second layer, the first layer which is being formed by the application onto the metallic surface of the metal sheet or metal sheet section of a solution containing an organic phosphoric acid ester, wherein the organic phosphoric acid ester is a compound of the general formula



where X stands for hydrogen, Na, K, -NH<sub>2</sub>, -NHR, -NR<sub>2</sub>, -NH (R' -OH)<sub>2</sub> or -NR (R' -OH), R stands for a straight-chain or branched alkyl group with 1 to 8 carbon atoms, R' stands for a straight-chain or branched alkylene group with 1 to 14 carbon atoms, R and R' can in each case be equal or different, and n is a number from 0 to 3, with the proviso that n is not 0 if X stands exclusively for hydrogen, the solution containing phosphoric acid ester having a pH from 6.5 to 11, and the second layer including a lubricant and being arranged on the first layer.

2. (Cancelled)
3. (Previously Presented)           The metal sheet or metal sheet section according to Claim 1  
wherein  
the organic phosphoric acid ester is a mixture of (C<sub>4</sub>H<sub>9</sub>-O) OP (OH)<sub>2</sub> and (OH) PO(O-C<sub>4</sub>H<sub>9</sub>)<sub>2</sub>.
4. (Previously Presented)           The metal sheet or metal sheet section according Claim 1,

wherein

the solution containing the organic phosphoric acid ester contains, as further components, a water-soluble organic sulphur compound and/or an organic molybdenum compound.

5. (Previously Presented)            The metal sheet or metal sheet section according to Claim 4 wherein

the organic sulphur compound is selected from the group consisting of thiadiazolene, dithiocarbamates and dithiopropionates as well as salts and derivatives thereof.

6. (Previously Presented)            The metal sheet or metal sheet section according to Claim 4, wherein

the organic sulphur compound is selected from the group consisting of Sodium-2-mercaptobenzothiazole, 2,5-dimercapto-1,3,4-thiadiazole, as well as salts and derivatives thereof, sodium dimethyl dithiocarbamate, potassium dimethyl dithiocarbamate and monoethanol amine dithiopropionate.

7. (Previously Presented)            The metal sheet or metal sheet section according to Claim 4, wherein

the organic molybdenum compound can be obtained by the conversion of molybdenum trioxide and/or molybdeneic acid with an amine and/or alkanolamine.

8. (Previously Presented)            The metal sheet or metal sheet section according to Claim 1 wherein

the solution containing the phosphoric acid ester contains, as further components, at least one inorganic compound selected from the group consisting of polyphosphates, borates, molybdates and wolframates.

9. (Previously Presented) The metal sheet or metal sheet section according to Claim 8,  
wherein  
the inorganic compound is selected from the group consisting of ammonium tripolyphosphate, sodium tetraborate, ammonium molybdate, sodium wolframate, potassium wolframate and sodium wolframate.
10. (Currently Amended) The metal sheet or metal sheet section according to Claim 1,  
wherein  
the first layer ~~formed by the solution containing the phosphoric acid ester~~ is formed as a thin layer in the nano range.
11. (Cancelled)
12. (Currently Amended) The metal sheet or metal sheet section according to Claim 1 ~~[[11]]~~,  
wherein  
the second layer ~~containing lubricant~~ is formed in a thickness from 0.3 to 3.0 g/m<sup>2</sup>.
13. (Currently Amended) The metal sheet or metal sheet section according to Claim 1,  
wherein  
the ~~lubricant contains~~ the second layer includes the organic phosphoric acid ester in a quantity from 0.01 to 50% by weight.
14. (Currently Amended) The metal sheet or metal sheet section according to Claim 1,  
wherein  
the lubricant of the second layer contains a water-soluble organic sulphur compound in a quantity from 0.005 to 30% by weight.

15. (Currently Amended) The metal sheet or metal sheet section according to Claim 1,  
wherein  
the lubricant of the second layer contains an organic molybdenum compound in a quantity  
from 0.005 to 30% by weight.
16. (Currently Amended) The metal sheet or metal sheet section according to Claim 1,  
wherein  
the lubricant of the second layer contains an organic compound in a quantity from 0.005  
to 30% by weight.
17. (Previously Presented)        The metal sheet or metal sheet section according to Claim 1  
wherein  
the sheet is a coated or uncoated steel sheet.
18. (Previously Presented)        The method for the manufacture of a metal sheet section  
according to Claim 1,  
wherein
- application of a solution including an organic phosphoric acid ester on the upper  
and/or lower side of the sheet, and
  - applications of a lubricant onto the sheet coated in this way.
19. (Previously Presented)        The method according to Claim 18,  
wherein  
the application of the solution including the organic phosphoric acid ester is effected by  
immersion, spraying, brushing, or roll coating.
20. (Previously Presented)        The method according to Claim 18,  
wherein

the application of the solution including the organic phosphoric acid ester is effected during the coating of the sheet in the flushing bath of a coating system or during the cooling of the sheet in the bath of a water cooling system.

21. (Previously Presented)      The method according to Claim 18,  
wherein  
an aqueous solution of the organic phosphoric acid ester is applied.
22. (Previously Presented)      The method according to Claim 18 ,  
wherein the solution applied includes the organic phosphoric acid ester in a concentration  
from 0.1 to 15% by weight.
23. (Cancelled)
24. (Previously Presented)      The method according to Claim 18,  
wherein  
the solution applied includes as further components a water-soluble organic sulphur  
compound and/or an organic molybdenum compound.
25. (Previously Presented)      The method according to Claim 24,  
wherein  
the solution applied includes the water-soluble organic sulphur compound(s) and/or  
organic molybdenum compound(s) in a quantity from 1 to 50% by weight related to the  
quantity of phosphoric acid ester.
26. (Previously Presented)      The method according to Claim 18,  
wherein

the solution applied includes as further components at least one inorganic compounds from the group consisting of polyphosphates, borates, molybdates and wolframates.

27. (Previously Presented) The method according to Claim 26,  
wherein  
the solution applied includes the inorganic compounds in a quantity from 1 to 50% by weight related to the quantity of phosphoric acid ester.

28. (Previously Presented) The method according to Claim 18,  
wherein  
the sheet is dried before the lubricant is applied.

29. (Currently Amended) The method according to Claim 18  
wherein  
~~use is made as~~ the lubricant is selected from the group consisting of corrosion protection oil, pre-lube, ~~and/or~~ dry-lube, and combinations thereof.

30. (Previously Presented) The method according to Claim 18,  
wherein  
the lubricant is applied in a quantity from 0.3 to 3.0 g/m<sup>2</sup>.

31. (Cancelled)

32. (Currently Amended) An aqueous solution for the treatment of metal surfaces comprising the organic phosphoric acid ester of Claim [[2]] 1, a water-soluble organic sulphur compound selected from the group consisting of thiadiazolene, dithiocarbamates and dithiopropionates as well as salts and derivatives thereof, and an organic molybdenum compound obtainable by the conversion of molybdenum trioxide and/or molybdeneic acid with an anime and/or alkanolamine.

33. (Previously Presented)        The aqueous solution according to Claim 32, further comprising at least one organic compounds selected from the group consisting of polyphosphates, borates, molybdates and wolframates.

34. (Previously Presented)        A concentrate for the manufacture of a solution for the treatment of metal surfaces according to Claim 32.

35. (Cancelled)